FASHIONABLE SHADES ON ARTIFICIAL SILK

NATIONAL ANILINE & CHEMICAL CO.
INCORPORATED
NEW YORK

62/$150

9/87 HLX

Executive Offices of the
NATIONAL ANILINE & CHEMICAL CO., INC.
located at
40 Rector Street, New York

Fashionable Shades
On
Artificial Silk

NATIONAL ANILINE & CHEMICAL COMPANY, INC.

Executive Offices: 40 RECTOR STREET, NEW YORK

BRANCH OFFICES:

BOSTON—113 High Street
CHARLOTTE—236 W. First Street
CHICAGO—111 West Washington Street
HARTFORD—750 Main Street
MONTREAL—128 Bleury Street
PHILADELPHIA—653 N. Broad Street
PROVIDENCE—28 N. Main Street
SAN FRANCISCO—120 Second Street
TORONTO—204-206 King Street, East

Plant
BUFFALO

NATIONAL ANILINE & CHEMICAL CO., Inc.

In this card we are showing a series of compound shades on Viscose Silk made with "National" Direct Colors and also dyeings of "National" Sulfur Colors, both direct and in combinations.

The statements made herein with respect to our several products are expressions of our opinion based upon careful tests and investigation and are not warranted.

DYEING DIRECTIONS FOR DIRECT COLORS

The previously wetted out Viscose Silk, is entered into the dyebath with the requisite amount of color and

1 to 3 % Turkey Red Oil for light shades,
or
1 to 3% Turkey Red Oil and
5 to 20% Glauber's Salt Crystals for medium and heavy shades.

For light shades the dyeing is carried on at 100° to 120°F., while in the medium and heavy shades, the yarn is entered at 100°F., and the bath is raised to 160° to 190°F., and dyeing continued for from ½ to ¾ hour.

An addition of ½ to 1% Soda Ash is recommended for direct blacks—National Erie Black GXOO, RXOO, RX and B Extra.

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DYEING DIRECTIONS FOR SULFUR COLORS

Sulfur Colors yield shades of excellent fastness to light and washing. Practically all "National" Sulfur Colors are suitable for the dyeing of Viscose Silk, and are used in the same general manner as for the dyeing of cotton.

It is, however, advisable not to exceed a temperature of 150° to 160°F.

The dyebath is made up with the requisite amount of color dissolved with an equal amount of Sodium Sulfide Conc. and add

2 % Soda Ash
3% Turkey Red Oil, and up to
30% Glaubers' Salt Crystals according to depth of shade.

Dyeing is carried out for from ¾ to 1 hour at 150° to 160°F. After dyeing, squeeze well, oxidize and wash.

"National" Service

THE National Aniline & Chemical Company, Inc., is convinced that the essence of all good-will is *intelligent service.*

It confidently believes that an earnest effort to assist those who use dyestuffs will result in improvements beneficial to customers, to the public and to itself.

To confirm this belief, it maintains laboratories equipped with every modern facility and an experienced sales and technical staff, which are placed, without obligation, at the disposal of its customers in all parts of the world; thereby rendering a personal service that receives international recognition.

The matching of shades on any material, a co-operative effort in solving problems, and the supplying of special technical data on the application of dyestuffs, are important features of "National" Service.

Color Cards are available showing the application of "National" Dyes to all classes of materials. They are forwarded to dyers and colorists upon request.

The accomplishment of this policy characterizes the principle that stands behind "National" Service.

1.
2%
National
Erie Yellow Y

2.
National
.1% Erie Yellow Y
National
.1% Erie Orange Y

3.
National
.6% Erie Yellow Y
National
.4% Erie Orange Y

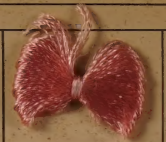
4.
.5%
National
Erie Catechine
3G

5.
3%
National
Erie Fast Orange
A

6.
National
1.2% Erie Brown 3GN
.7% Erie Orange Y
.1% Erie Black NR
Extra

7.
National
1.75% Erie Fast
Orange A
National
.25% Erie Catechine
3G

8.
National
2.1% Erie Brown
3GN
National
.9% Erie Fast Scarlet
YA



9.
National
.05% Erie Orange 2R
National
.05% Erie Pink 2B

10.
National
.2% Erie Orange 2R
National
.3% Erie Pink 2B

11.
National
1.52% Erie Fast Scar-
let 4BA
National
.16% Erie Violet 3R

12.
National
.22% Erie Fast Scar-
let 8BA
National
.025% Erie Fast Scar-
let 4BA

13.
National
.65% Erie Fast Scar-
let 8BA
National
.06% Erie Fast Brown
3RB

14.
National
3.00% Erie Fast Scar-
let 8BA
National
.75% Erie Violet 3R

15.
National
.56% Erie Fast Orange
A
National
.05% Erie Fast Brown
GR

16.
National
1.5% Erie Yellow Y
National
2.0% Erie Orange 2R
National
.1% Niagara Blue RW

NATIONAL ANILINE & CHEMICAL CO., Inc.

17.
National
.12% Erie Yellow Y
.06% Erie Orange 2R
.03% Erie Fast Scar-
let YA

18.
National
.312% Erie Fast Scar-
let YA
.08% Erie Fast Scar-
let 8BA
.008% Erie Fast
Brown GR

19.
National
1.74% Erie Fast Red
FD
.24% Erie Fast
Brown GR
.02% Diazine Black
DR

20.
National
2.062% Erie Fast
Scarlet 4BA
National
.688% Erie Fast
Scarlet YA

21.
National
3.0% Erie Fast Scar-
let 4BA
.8% Erie Fast Red
FD
.2% Erie Fast Scar-
let 8BA

22.
National
4.5% Erie Fast Red
FD
.25% Erie Fast Scar-
let 8BA
.25% Erie Fast
Brown 3RB

23.
National
.18% Erie Fast Orange
A
.14% Erie Fast Scar-
let 4BA
.03% Diazine Black
DR

24.
National
.40% Erie Fast Orange
A
.40% Erie Fast Scar-
let 4BA
.20% Diazine Black
DR

25.
National
.002% Erie Brown
3GN
.1% Erie Fast Red
FD
.004% Erie Black NR
Extra

26.
National
.12% Erie Fast Red
FD
National
.24% Erie Pink 2B

27.
National
.016% Erie Brown
3GN
.8% Erie Fast Red
FD
.032% Erie Black NR
Extra

28.
National
.04% Erie Violet 3R
National
.04% Erie Pink 2B

29.
National
.3% Erie Violet BW
National
.2% Erie Violet 3R

30.
National
1.0% Erie Violet 3R
National
1.0% Erie Violet 2B

31.
.5%
National
Erie Bordeaux
B

32.
National
.8% Erie Fast Scar-
let 8BA
.38% Erie Fast Brown
3RB
.03% Diazine Black H
Extra

33. National .675% Erie Yellow Y National .075 Erie Green MT

41. National .06% Erie Fast Grey M .007% Erie Fast Scarlet YA .017% Erie Yellow Y

34. National .5% Niagara Sky Blue National 1.0% Erie Yellow Y

42. National .24% Erie Fast Grey M .028% Erie Fast Scarlet YA .068% Erie Yellow Y

35. National 1.0% Niagara Sky Blue National 2.5% Erie Yellow Y

43. National .20% Erie Catechine 3G National .38% Erie Black NR Extra

36. National .95% Erie Fast Scarlet 8BA .025% Diazine Black H Extra .025% Erie Fast Brown 3RB

44. National .5% Erie Brown CN .5% Erie Orange 2R .1% Niagara Blue RW

37. National 2.336% Erie Fast Scarlet 8BA National .162% Diazine Black DR

45. National .1% Erie Brown CN 1.5% Erie Orange 2R .3% Niagara Blue RW

38. National 3.% Erie Garnet B National .4% Erie Black NR Extra

46. National 4.0% Erie Fast Brown GR .8% Erie Brown CN .3% Erie Fast Brown 3RB .1% Erie Black GXOO

39. National .10% Erie Fast Orange A .054% Erie Brown 3GN .04% Diazine Black H Extra

47. National .25% Erie Fast Orange A. .72% Erie Brown 3GN .18% Diazine Black H Extra

40. National 1.5% Erie Brown CN 1.% Erie Yellow Y .75% Niagara Blue RW

48. National 2.5% Erie Brown CN 1.5% Erie Yellow Y .75% Niagara Blue RW

49. National .3% Erie Yellow Y .125% Erie Brown 3GN .075% Erie Fast Grey M

57. National .1% Erie Brown GB .06% Erie Fast Red FD .002% Niagara Blue RW

50. National 2.00% Erie Yellow Y .10% Erie Black NR Extra .50% Erie Brown 3GN

58. National .16% Erie Fast Scarlet 8BA .12% Erie Fast Brown 3RB .1% Niagara Blue RW

51. National .76% Erie Brown CN .11% Erie Yellow Y .13% Erie Black GXOO

59. National 1.5% Erie Violet BW National 1.0% Erie Violet 3R

52. .25% National Niagara Sky Blue

60. National .03% Diazine Black DR .10% Erie Catechine 3G .01% Erie Yellow Y

53. National .45% Niagara Blue 3B National .05% Erie Yellow Y

61. National .15% Erie Fast Orange A .66% Erie Brown 3GN .108% Diazine Black H Extra

54. National 1.% Niagara Blue 3B National .06% Erie Green MT

62. National 3.2% Erie Fast Brown GR .8% Erie Yellow Y 1.1% Diazine Black DR

55. National .06% Diazine Black DR .10% Erie Catechine 3G .01% Erie Yellow Y

63. .25% National Niagara Fast Blue R L

56. National 2.00% Erie Brown GB National .4% Erie Black NR Extra

64. National 3.00% Niagara Blue RW National .5% Erie Orange 2R

65. National .44% Erie Green MT .06% Erie Yellow Y .04% Erie Black NR Extra

73. National .10% Diazine Black DR .25% Erie Catechine 3G .05% Erie Yellow Y

66. National .33% Erie Green MT .21% Erie Yellow Y .01% Erie Fast Brown GR

74. National .18% Diazine Black DR .50% Erie Catechine 3G .10% Erie Yellow Y

67. National 1.00% Erie Green MT .5% Erie Yellow Y .04% Diazine Black DR

75. National .658% Erie Fast Brown GR .392% Diazine Black DR .322% Erie Yellow Y .028% Erie Green MT

68. National .864% Erie Fast Brown GR .56% Erie Fast Scarlet YA .176% Erie Fast Brown 3RB

76. National 3.42% Erie Yellow Y 2.1 % Erie Green MT .48% Erie Fast Brown GR

69. National 1.536% Erie Fast Brown GR 1.312% Erie Fast Scarlet 4BA .32% Erie Fast Brown 3RB .032% Diaz. Black DR

77. National 1.00% Erie Yellow Y 1.5 % Niagara Blue RW .75% Erie Orange Y

70. National 1.52% Erie Fast Brown GR 1.52% Erie Fast Scarlet 4BA .76% Erie Fast Brown 3RB .2% Diazine Black DR

78. National 1.00% Erie Brown CN .5 % Erie Yellow Y 1.00% Niagara Blue RW

71. National .2% Erie Violet BW National .3% Niagara Blue RW

79. National 1.20% Erie Violet 2B .60% Niagara Blue 3B .20% Erie Black NR Extra

72. National 1.5% Niagara Blue RW 3.45% Niagara Sky Blue 6B .05% Erie Green MT

80. National 2.00% Niagara Blue RW 2.00% Erie Black NR Extra 1.00% Erie Violet 3R

	81. National .485% Erie Yellow Y National .015% Niagara Blue 3B		89. National .12% Diazine Black DR .05% Erie Catechine 3G
	82. National .75% Erie Orange Y 1.00% Erie Yellow Y .25% Niagara Blue RW		90. National .40% Diazine Black DR .15% Erie Catechine 3G
	83. National 1.4% Erie Yellow Y .12% Erie Fast Brown GR .48% Erie Green MT		91. National .15% Erie Fast Orange A .03% Erie Catechine 3G .04% Diazine Black DR
	84. National .30% Erie Brown CN .15% Erie Yellow Y .03% Niagara Blue RW		92. National .30% Erie Fast Orange A .15% Erie Fast Scarlet 8BA .012% Erie Black NR Extra
	85. National .10% Erie Fast Orange A .143% Erie Fast Brown GR .022% Diaz. Black DR .011% Erie Fast Scarlet YA		93. National .423% Erie Fast Brown 3RB .351% Erie Fast Orange A .108% Erie Fast Brown GR .018% Diaz. Black HEx.
	86. National .34% Erie Fast Brown GR .18% Erie Black NR Extra .19% Erie Yellow Y		94. National 1.50% Erie Fast Brown GR .75% Erie Fast Brown 3RB 1.50% Erie Brown GB
	87. .5% National Erie Fast Grey M		95. National 2.94% Niagara Blue RW 2.88% Niagara Sky Blue 6B .18% Erie Green MT
	88. National 3.92% Niagara Sky Blue National .08% Erie Green MT		96. 4% National Erie Black B Extra

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	97. 6% National Sulfur Yellow 2G		106. National 4% Sulfur Yellow GR 4% Sulfur Brown 2G 1% Sulfur Black BG Ex. Conc.
	98. 6% National Sulfur Yellow GR		107. 4% National Sulfindone Indigo Blue BG Conc.
	99. 6% National Sulfur Brown 4G		108. 4% National Sulfindone Blue R Conc.
	100. 6% National Sulfur Bordeaux R		109. 4% National Sulfindone Brill. Blue G Conc.
	101. 6% National Sulfur Brown 2G		110. 4% National Sulfindone Blue 2R Conc.
	102. 6% National Sulfur Brown 3R		111. 4% National Sulfindone Blue B Conc.
	103. 6% National Sulfur Brown CG		112. 8% National Sulfur Black BG Ex. Conc.
	104. 3% National Sulfur Green 2G 3% National Sulfur Yellow 2G		113. 8% National Sulfur Black R
	105. 6% National Sulfur Green 2G		114. 8% National Sulfur Black F Paste